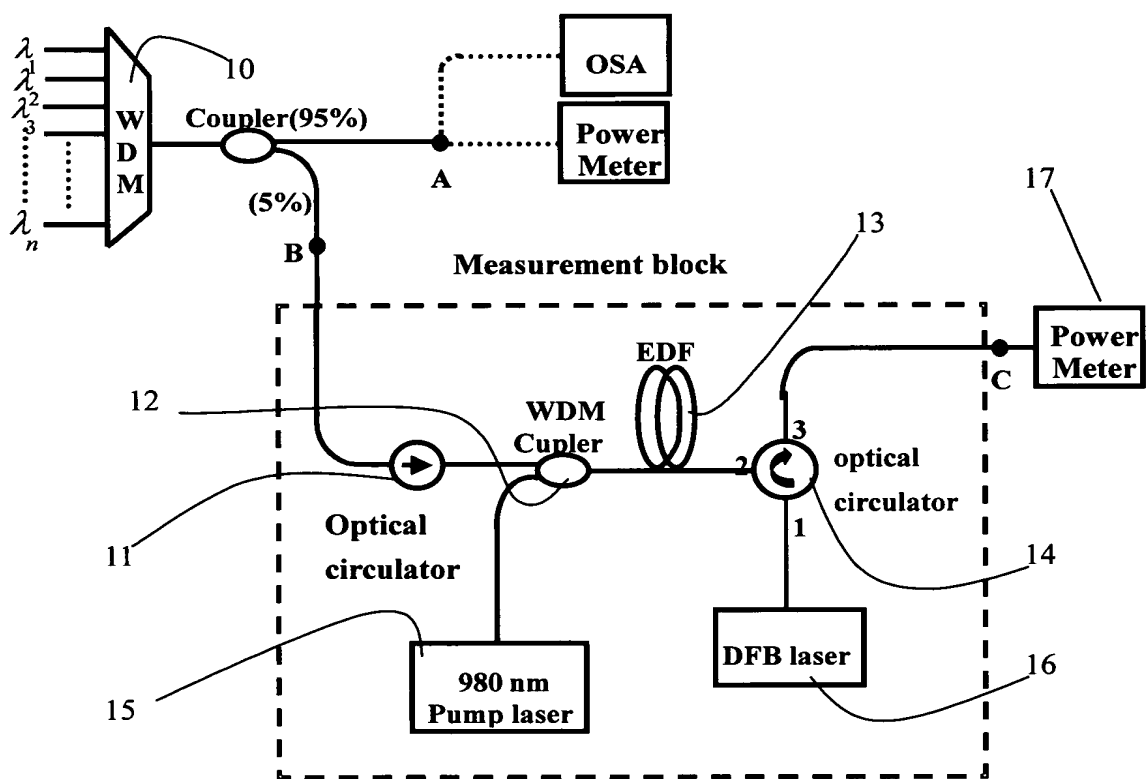
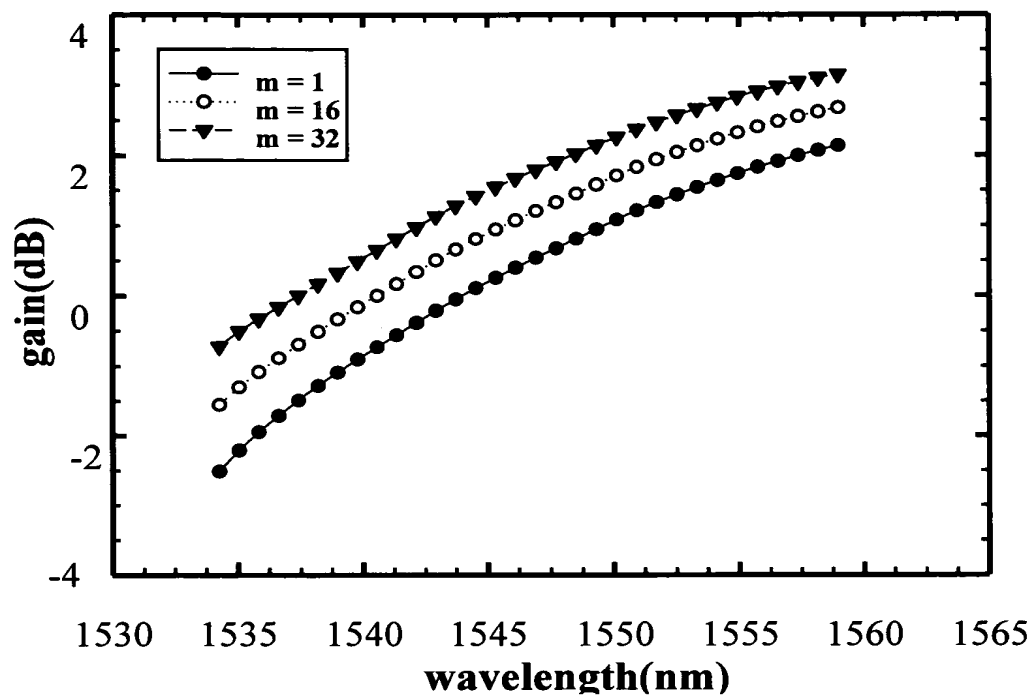


【represent symbols of major parts】

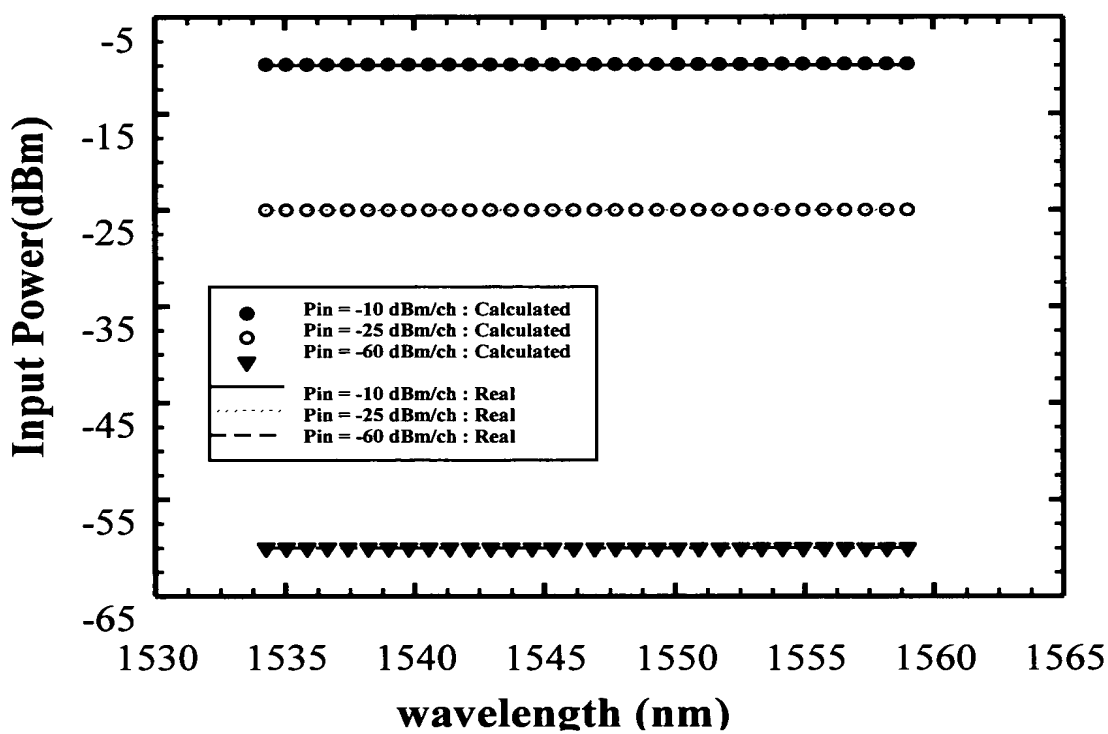
- | | | | |
|----|--------------------------|----|--------------------|
| 10 | WDM signal | 14 | optical circulator |
| 11 | optical isolator | 15 | pump laser |
| 12 | WDM coupler | 16 | saturated tone |
| 13 | erbium-doped fiber (EDF) | 17 | power meter |



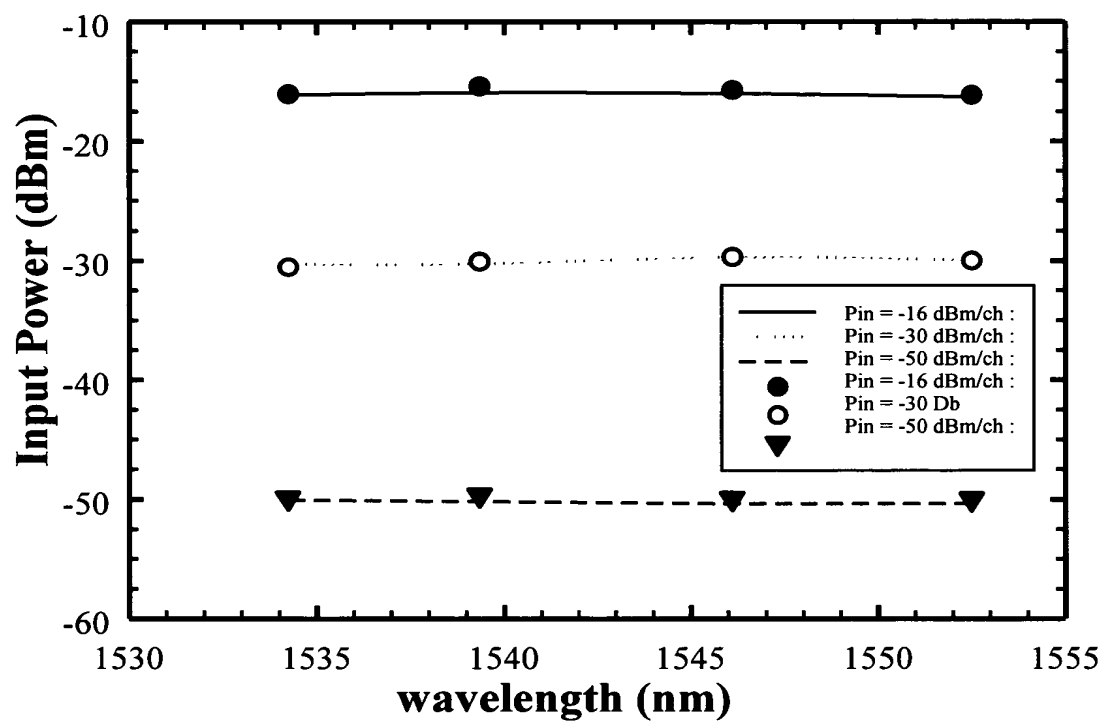
F i g 1



F i g 2



F i g 3



F i g 4